

FIG. 1

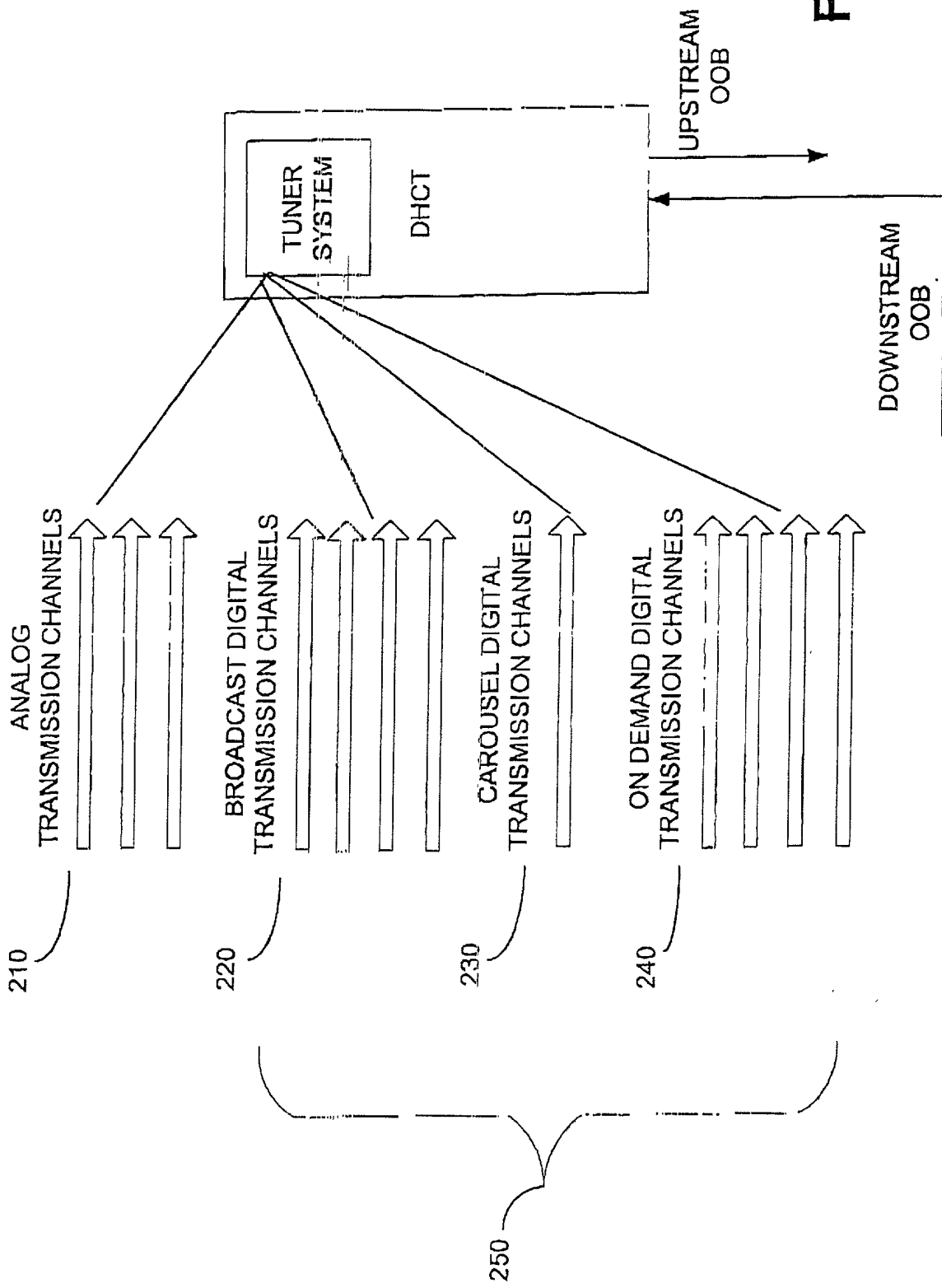


FIG. 2

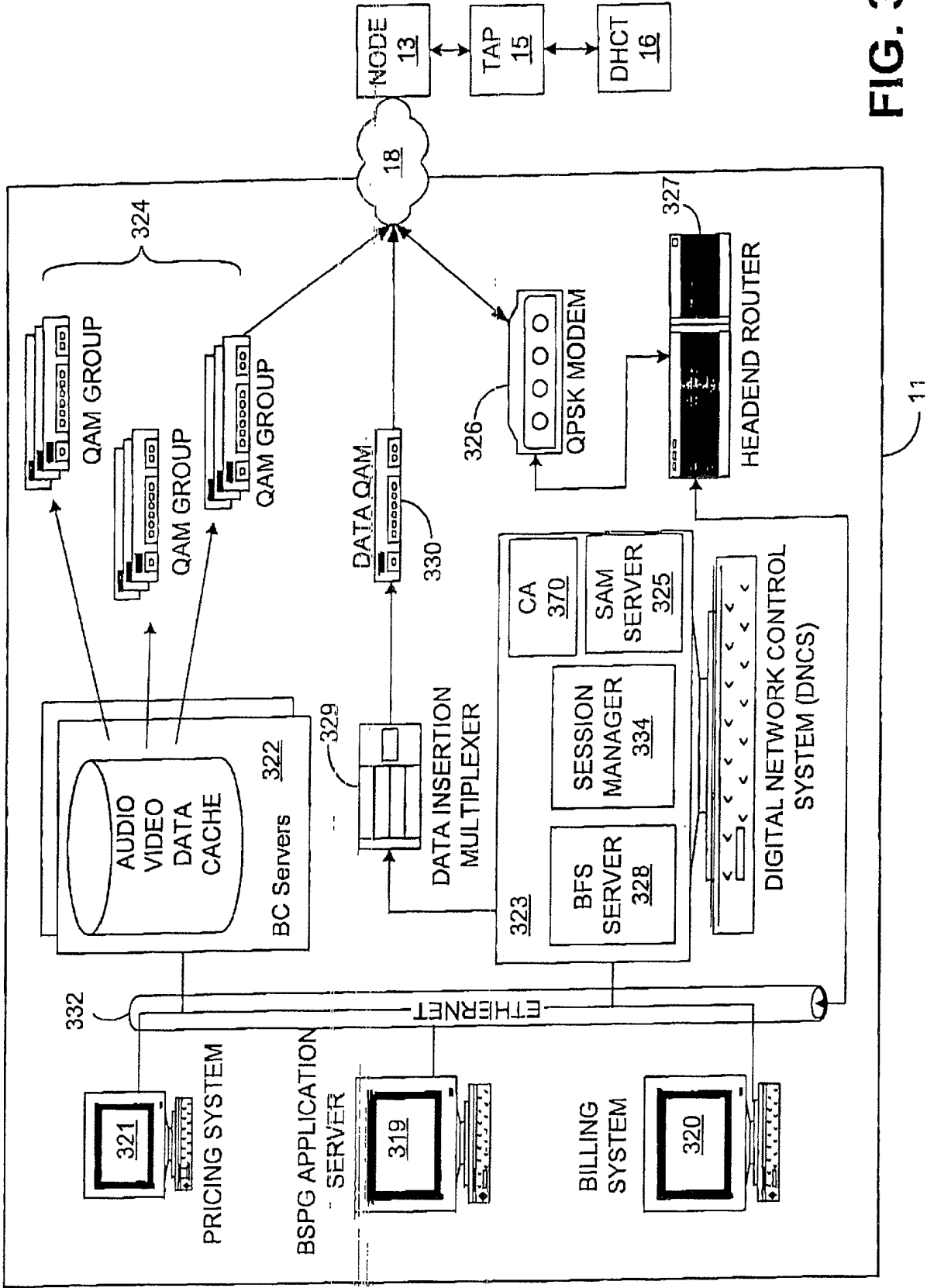


FIG. 3

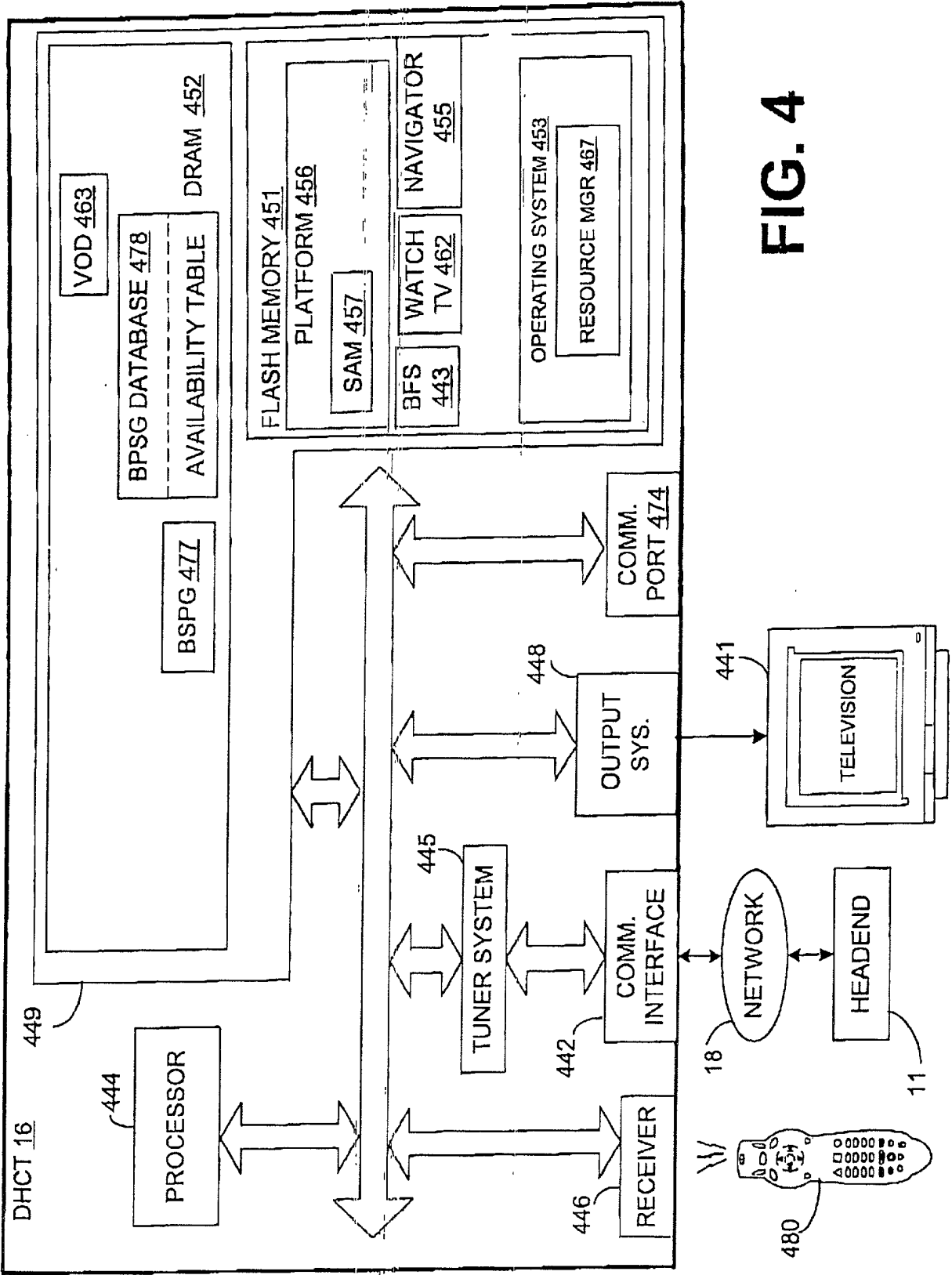
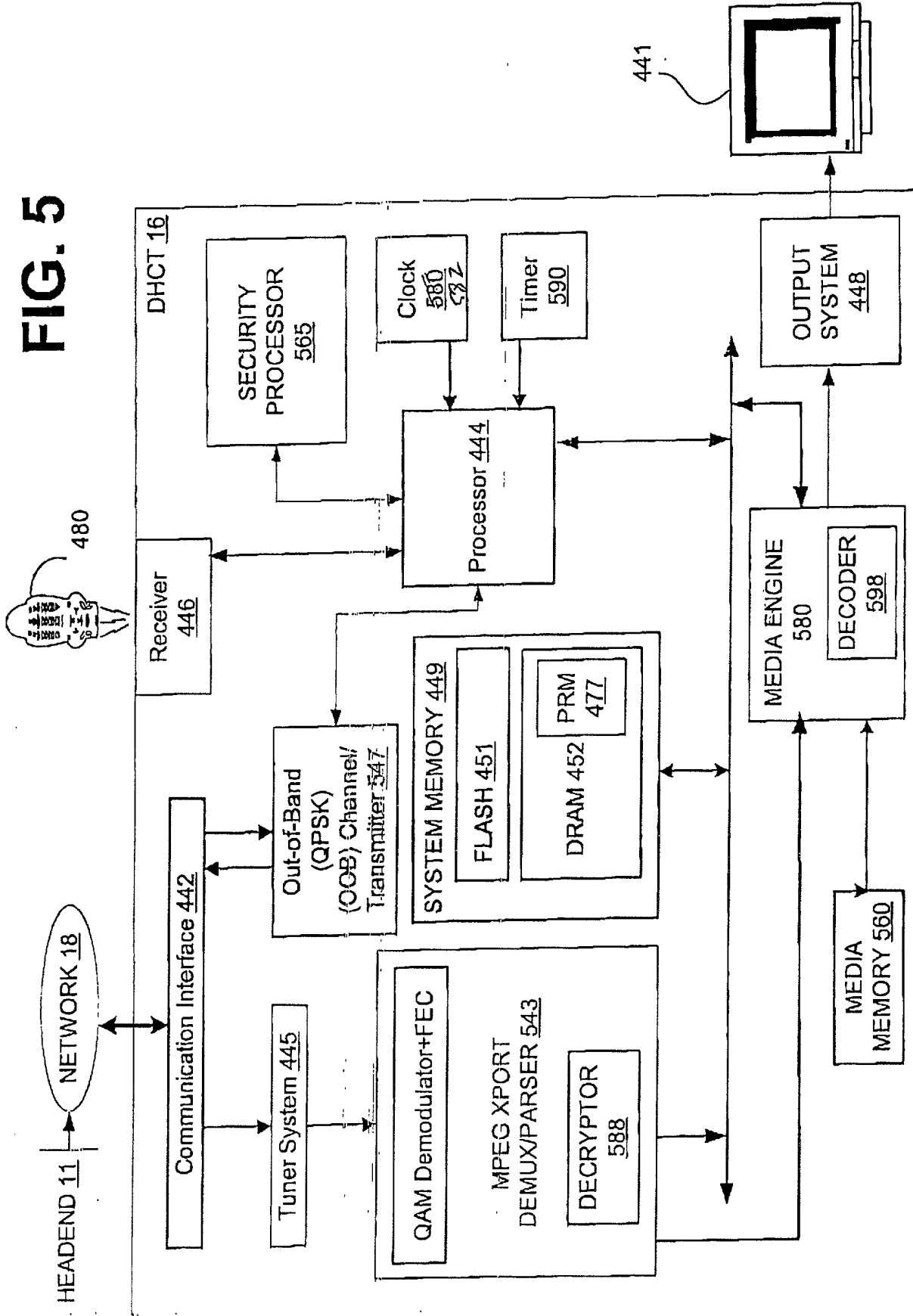


FIG. 4

FIG. 5



670

670 671 672 673 674 675 676 677 678 679 680

Bi-Directional SERVICES	
Programming Guide	
<input type="checkbox"/> ? WHAT'S ON	
<input type="checkbox"/> XXX Adult Services	
<input type="checkbox"/> \$ PROFESSIONAL SERVICES	
<input type="checkbox"/> @ @ Chat Rooms	
<input type="checkbox"/> ← More	
<input type="checkbox"/> ? Help	
	CURRENT TELEVISION PROGRAM
	Advertisement SPACE

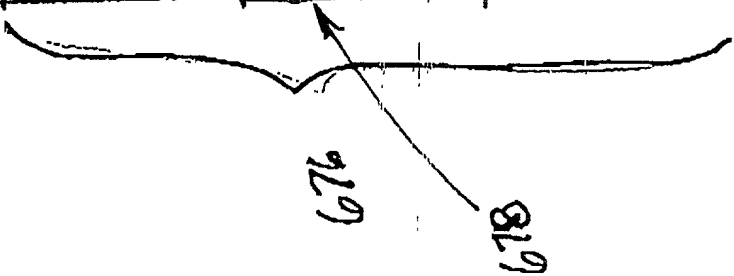


Fig. 6

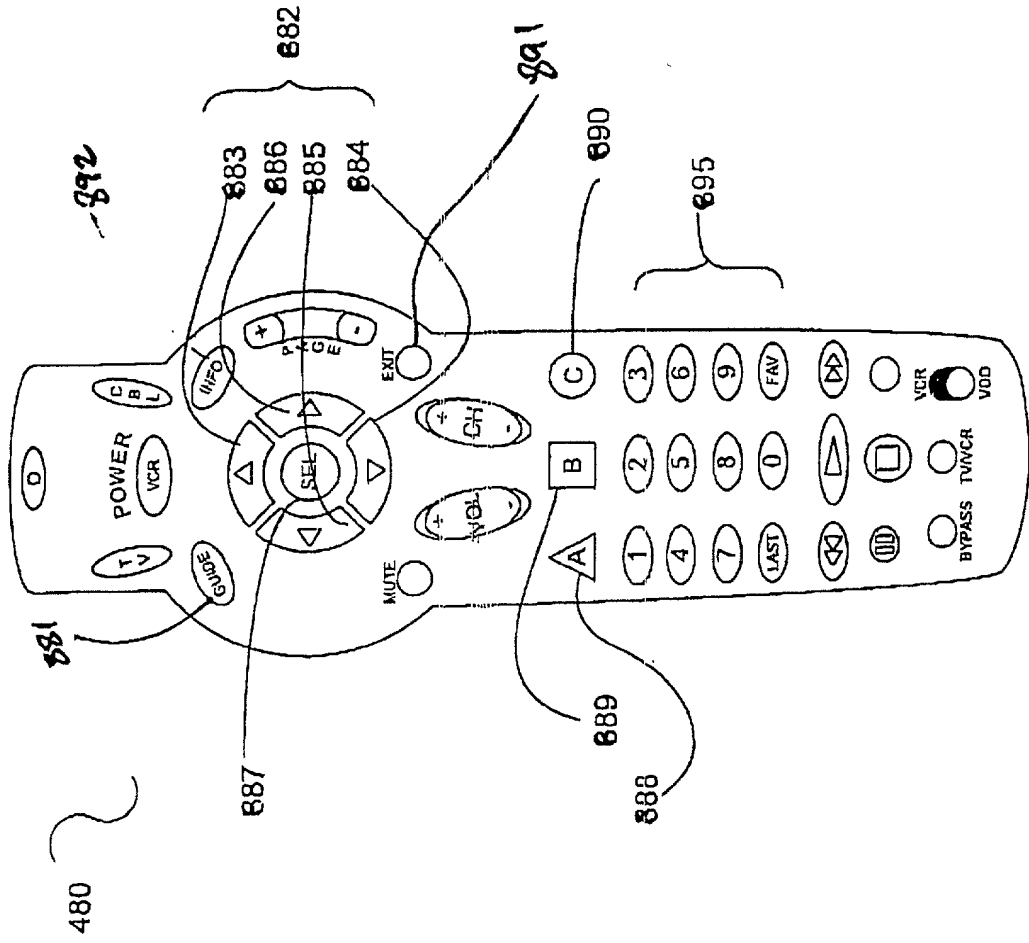


Fig. 8

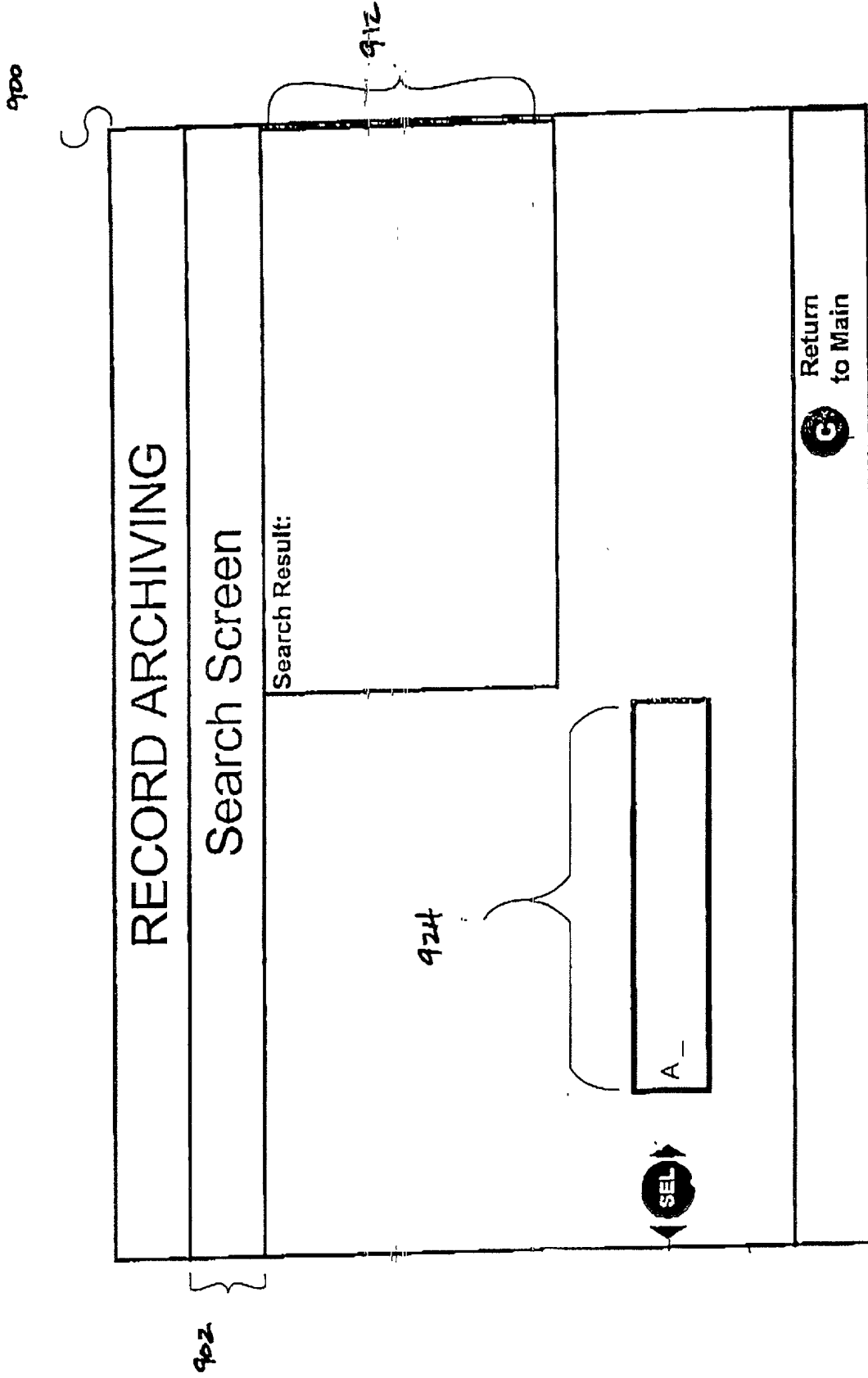


Fig. 9

SERVICES MAPPED TO A CHANNEL

SERVICES APPLICATION TABLE

1003

CNN
ENCORE
NBC
BSPG
TLC
HBO
ESPN
PPV
ABC
CBS
FOX
WTBS

CHANNEL TABLE

CHANNEL 1
CHANNEL 2
CHANNEL 3
CHANNEL 4
CHANNEL 5
CHANNEL 6
CHANNEL 7
CHANNEL 8
CHANNEL 9

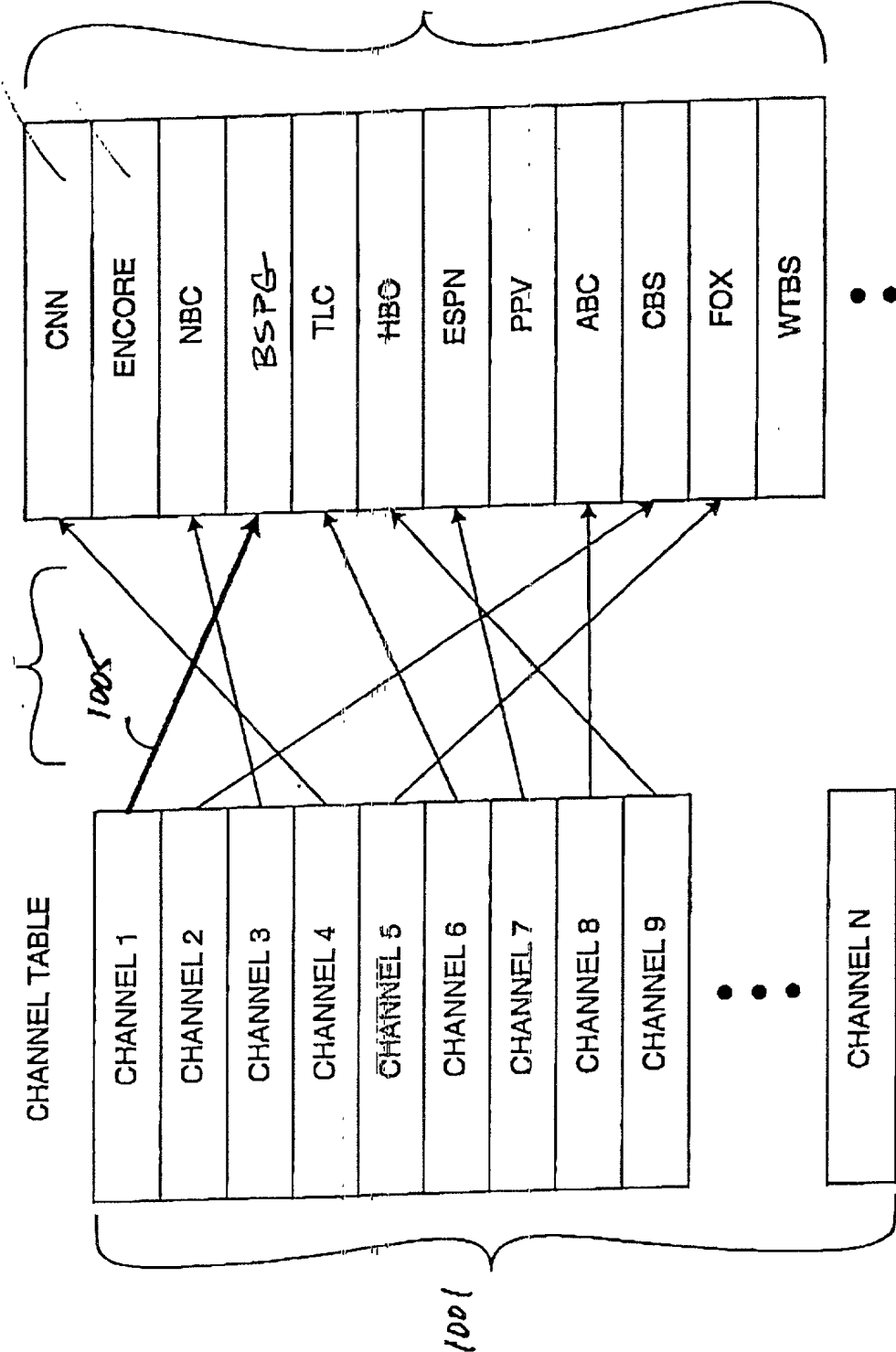
CHANNEL N

1001

1005

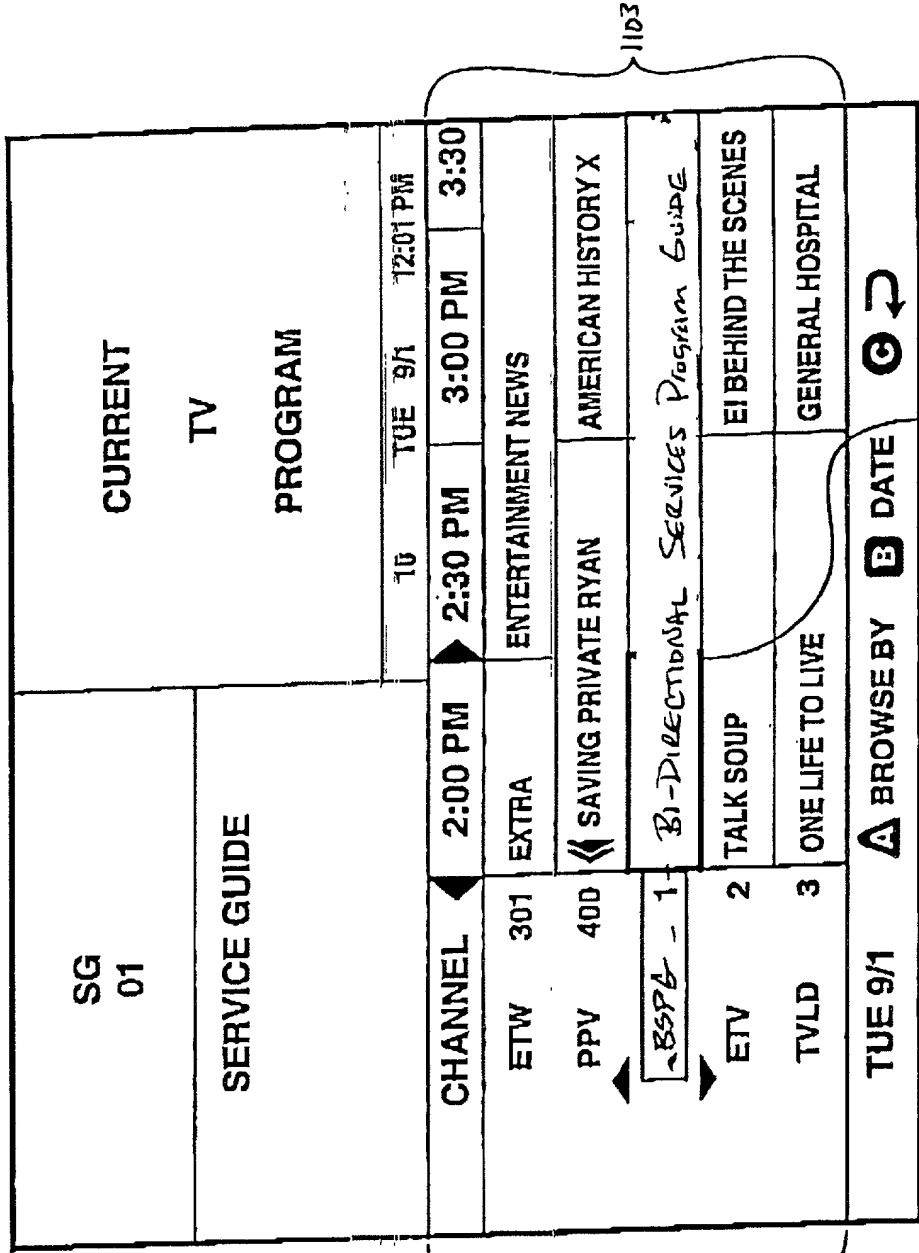
1002

Fig. 10



INTERACTIVE PROGRAM GUIDE ACCESS TO SERVICE GUIDE

1100



1101

1103

1105

Fig. 11

670

Bi-DIRECTIONAL SERVICES PROGRAMMING GUIDE	CURRENT TELEVISION PROGRAM			
CHANNEL	2:00 pm	2:30 pm	3:00 pm	3:30
Z00	INTRODUCTION TO LAW SEMINAR			
Z01	<< GET RICH QUICK CLASSES			
Z02	<< TALK LIVE WITH A FORD MECHANIC			
Z03	LADY LUCINDA'S PSYCHIC HOTLINE	DOOLITTLE'S VETERINARIANS		

1200

Fig. 12

FOCUS ON CHANNELS

BI-DIRECTIONAL SERVICES PROGRAMMING GUIDE		MARCH 28, 2001	8:37 PM
CHANNEL	SERVICE DESCRIPTION	AVAILABLE	NEXT AVAILABLE
100	WORKOUT WITH A PERSONAL TRAINER FROM GOLD'S GYM	Yes	
101	BALLY'S GYM EXERCISES	Yes	
102	WORKOUT WITH NINA	No	APPROX 20 MINUTES
103	GET RICH QUICK SEMINAR	IN PROGRESS	2 HOURS, 23 MINUTES
104	PERSONAL SHOPPER: MACY'S	Yes	
105	PERSONAL SHOPPER: SEARS	No	13 MINUTES

Handwritten annotations: 670 (top left), 675 (top right), 674 (left side), 678 (left side), 680 (bottom center)

Fig. 13

670

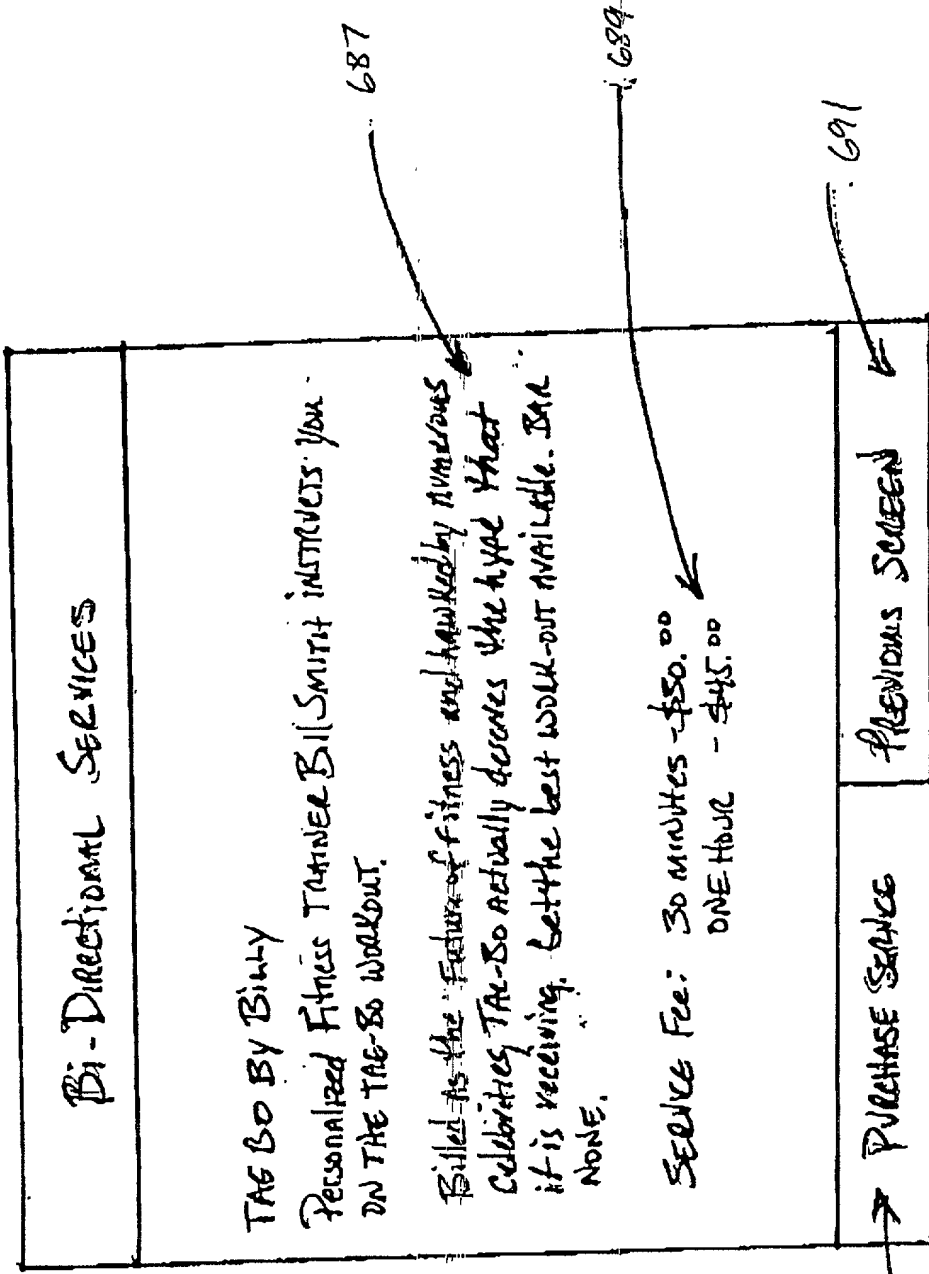
Bi-Directional Services		
BALLY'S EXERCISE ROUTINES	MARCH 23, 2001 8:37 PM	675
AVAILABLE SESSIONS	AVAILABLE	677
ISOMETRICS WITH ISMAC	Yes	682
DEBORAH'S JAZZ EXERCISE	IN PROGRESS	
Rowing with the Oldies	No	10:00 PM
TAE-BO BY BILLY	Yes	10:30 P.M.

672

678

Fig. 14

685



690

Fig. 15

IPG

1670

abc 2					
ABC News 7:00 PM - 7:30 PM Get The Latest News On Campaign 2000					
channel	7:00 PM	7:30 PM	8:00 PM	8:30	
etw 301	Extra	Entertainment News		Beach	
ppv 400	⏪ Tae Bo	BC	Tae Bo	BC	
ABC 2	ABC News	Entertainment Tonight	Who wants to be a Mil...		
FOX 3	The Drew Carey Show	Home Improvement	Family Guy	Sports	
WB 4	The Simpsons	Friends	Buffy The Vampire ...		
tue 7/1	browse by		Date		

1676

Fig. 16

INTERACTIVE PROGRAM GUIDE ACCESS TO SERVICE GUIDE

1790
 ↓

SG 01		CURRENT TV PROGRAM			
SERVICE GUIDE		10	TUE 9/1	12:01 PM	
CHANNEL	2:00 PM	2:30 PM	3:00 PM	3:30	
ETW 301	EXTRA	ENTERTAINMENT NEWS			
PPV 400	SAVING PRIVATE RYAN	AMERICAN HISTORY X			
SG 1	SERVICE GUIDE	SERVICE GUIDE	SERVICE GUIDE	SERVICE	SERVICE
ETV 2	TALK SOUP	E! BEHIND THE SCENES			
TVLD 3	ONE LIFE TO LIVE	GENERAL HOSPITAL			
TUE 9/1	A BROWSE BY	B DATE	G ↻		

} 1776

Fig. 17

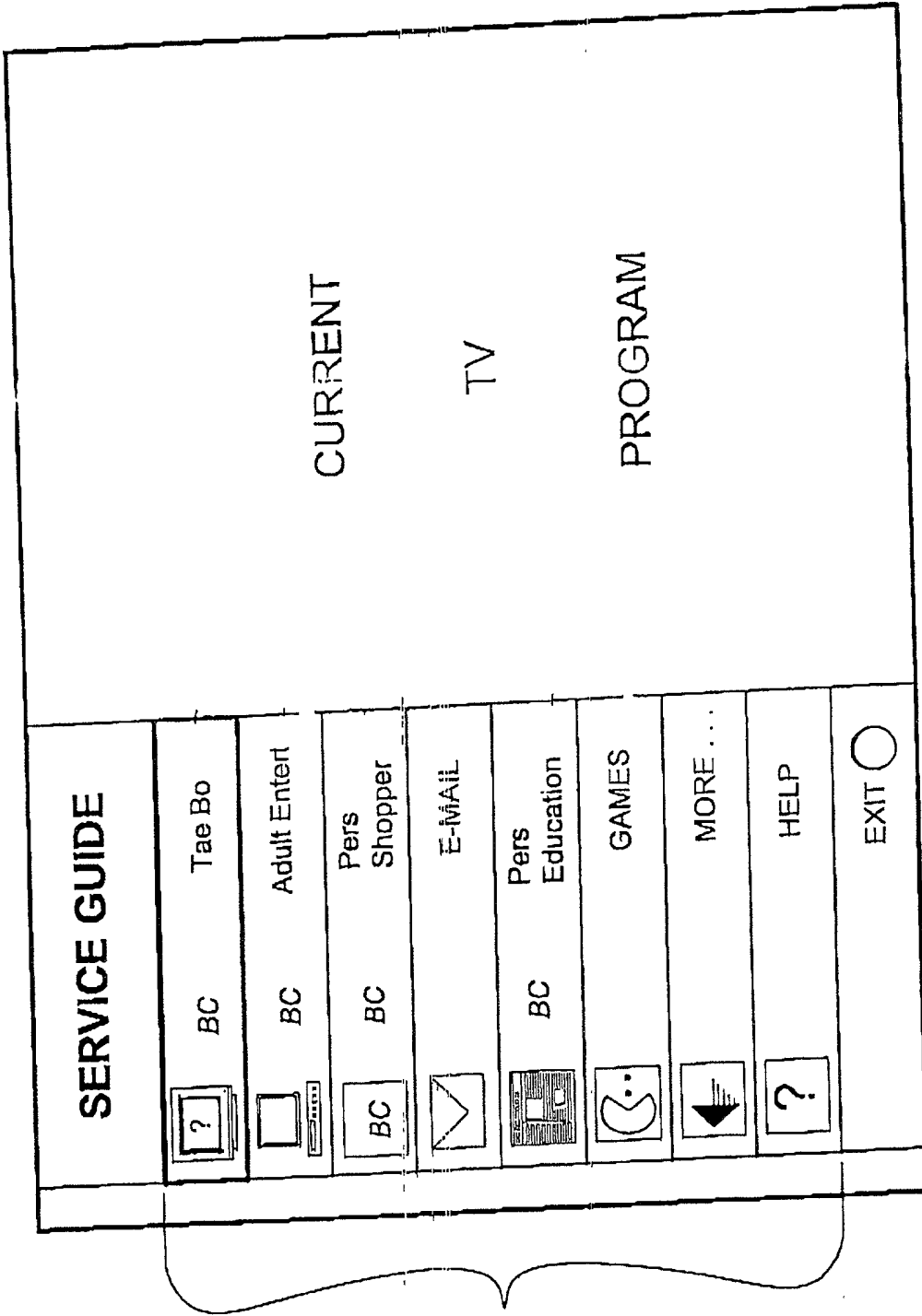


Fig. 18

1950

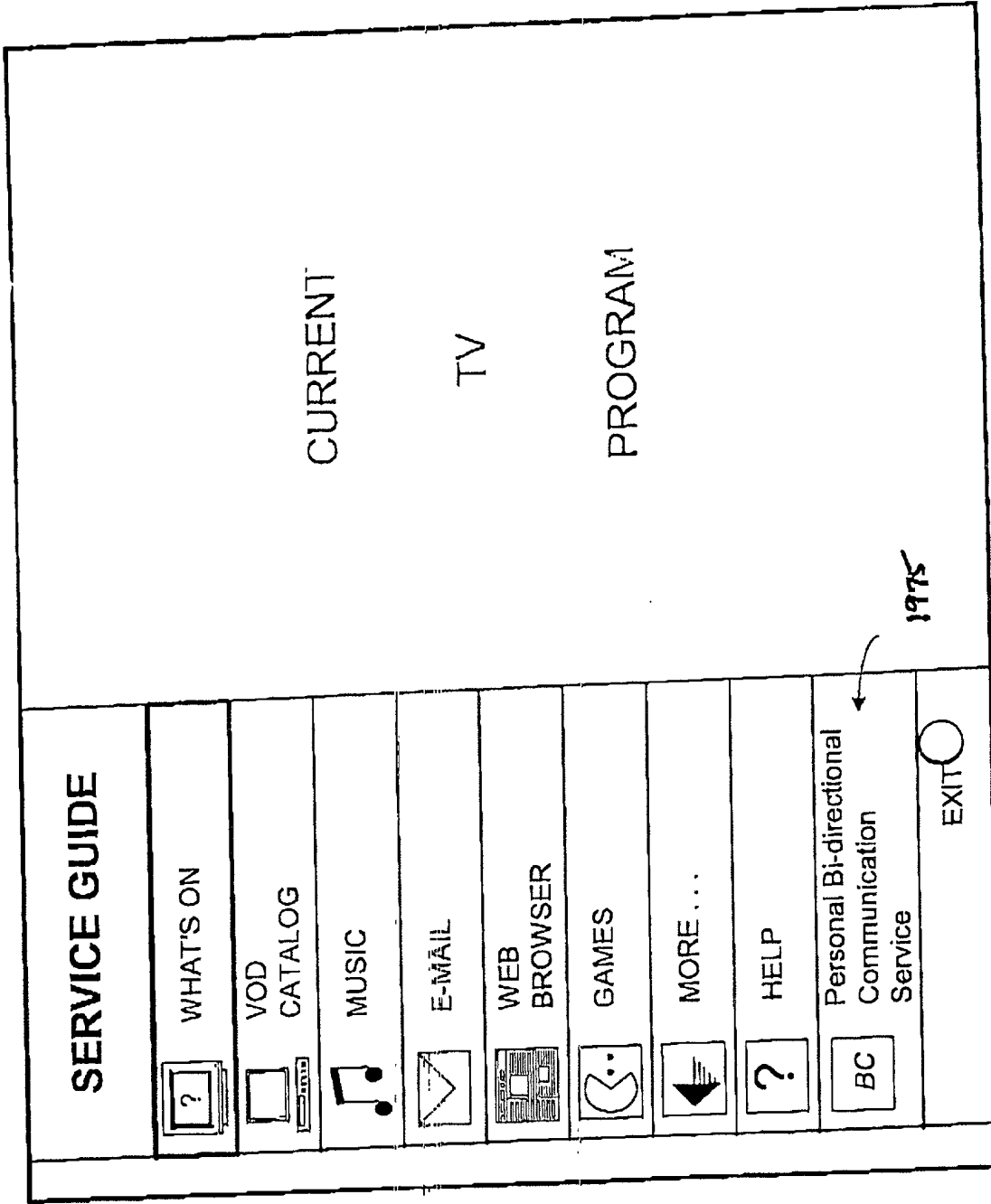


Fig. 19

2000
↓

YOU HAVE SELECTED ONE HOUR OF THE
BI-DIRECTIONAL SERVICE ENTITLED TAE-10
BY BILLY ATA COST OF \$15.00
IF THIS IS CORRECT, PLEASE SELECT O.K.
BELOW.

O.K. CANCEL

Fig. 20

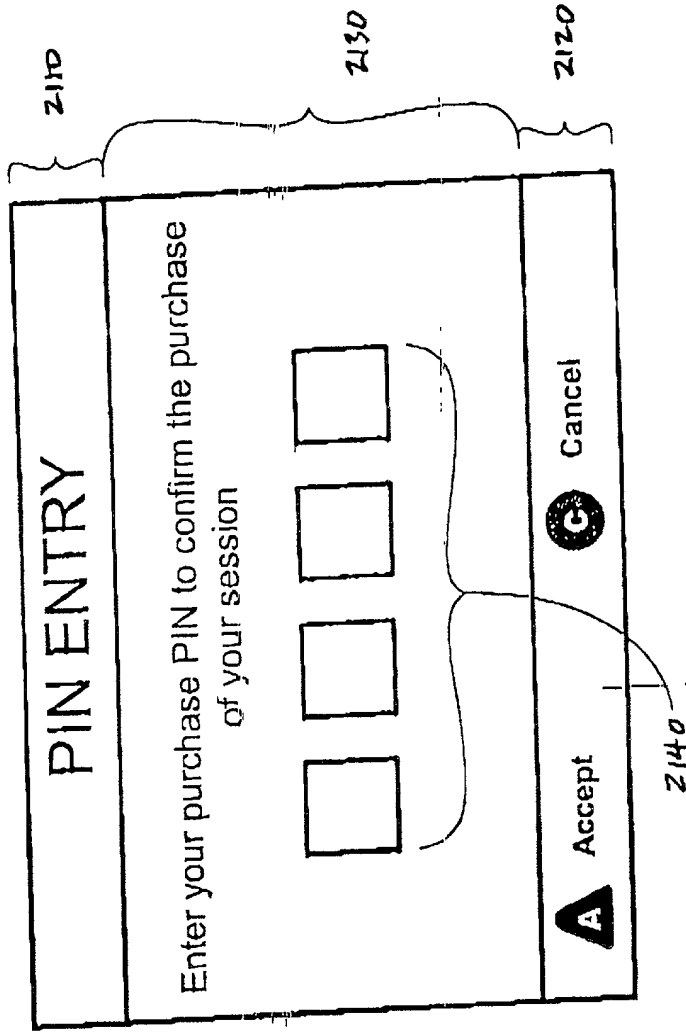
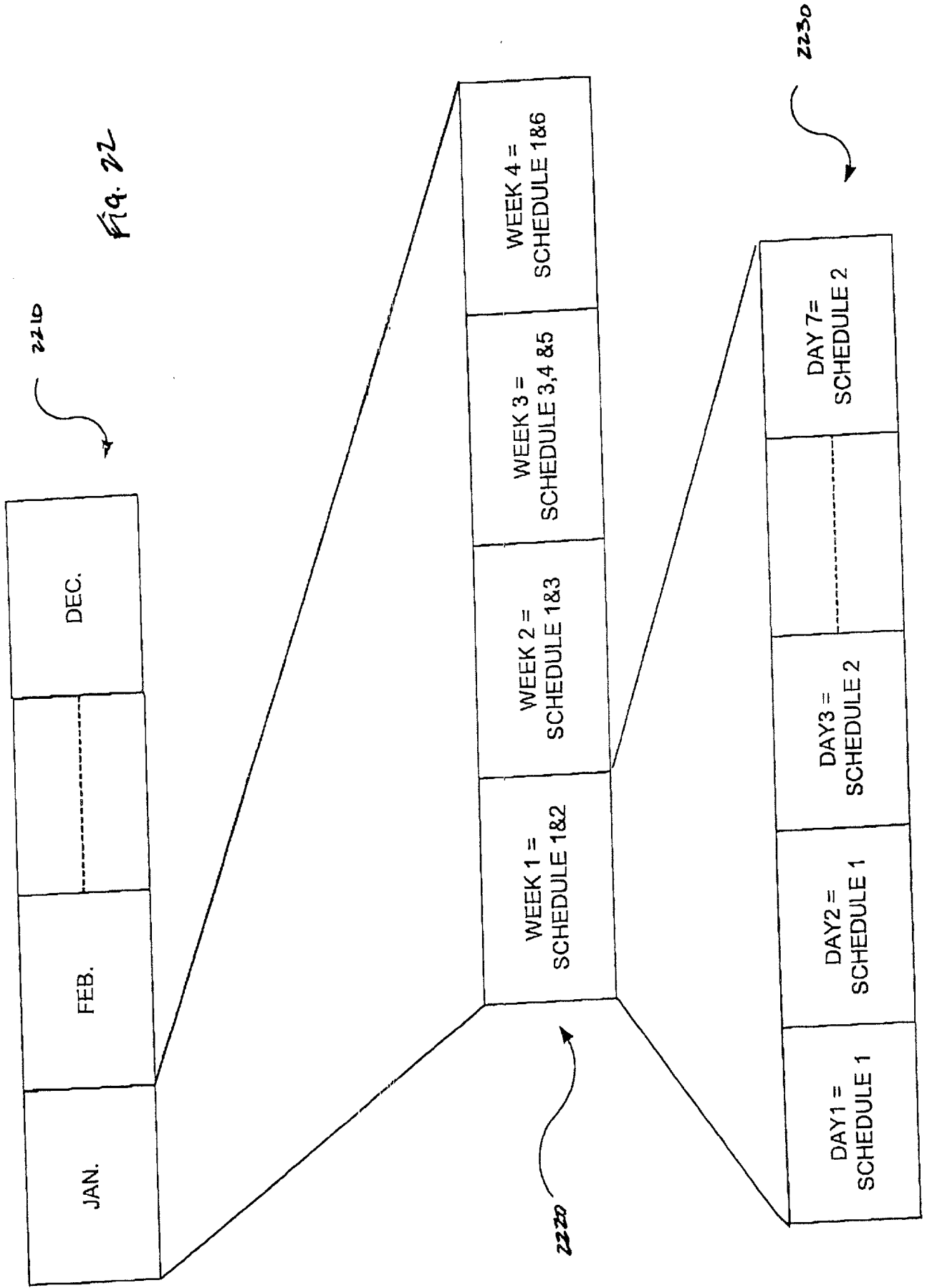


Fig. 21



2210

FIG. 22

2220

2230